Engineering & Mathematics Programs for the SINCLAIR QL

Contain explanatory graphics, on-screen instructions. No wordy booklets to study! Easy to use & very fast. Answers in 1 second.

Trigonometry: Solves 'right triangle' problems. Finds sides, angles, area.

Oblique Trigonometry: Solves all non right angle trig. Saves much time.

Chord/Curve: Finds radius, angle, arc, chord lengths, sector/segment areas.

Balance: Calculates point of balance, beam lengths, weights, etc.

Belt & Chain Drives: Finds tangents, angles, pitch lengths, arc of contact, ratios, etc.

Spur Gear Drives: Calculates gear sizes, number of teeth, ratios, much more.

Levers: Solves the 3 most common types for forces, fulcrum point, lever length & more.

Pulleys & Wheels: Finds the required force, diameters, lift, etc.

Weight Calculations: 25 metals, 11 woods, 11 misc. in all common shapes, all sizes. Super fast.

Conversions/Functions: Decimal degrees to degrees, minutes, seconds plus grads, radians. Gives trig functions.

Wire & Metal Rod: Calculates cost, quantities, weights, etc.

Sinclair QL software sent on new microdrive cartridge(s). Prices include First Class postage. Your order filled within 24 hours.

Any ONE program = $17.95 Any TWO = $16.95 ea.

Any FIVE = $82.50 (16.50 ea.) All ELEVEN = $175.00 (15.90 ea.)

This software is based upon my 25 years of experience as a Design Engineer with such companies as E. I. DuPont, Western Electric, IBM, Duracell, etc.

Frank Lockhart, BSME — P.O. Box 1131

Shelby, NC 28150 (U.S.A.) — (704) 484-8539

ENGINEERING - MATH - GAMES - UTILITY
TS 2068 / 1500 / 1000 / ZX 81

ENGINEERING/MATHEMATICS	2068	1000
#1-"BELT & CHAIN DRIVES" Gives 9 important answers fast.	YES	YES
#2-"LEVERS" Solves the 3 most common types	YES	NO
#3-"SPUR GEAR DRIVES" Gives 14 answers in 2 seconds.	YES	YES
#4-"PULLEYS & WHEELS" Finds forces, weights, etc.	YES	NO
#5-"BALANCE" Finds balance points, weights, etc.	YES	YES
#6-"WEIGHT CALCULATIONS" 25 metals, 11 woods, 11 other materials. Varied shapes in all sizes. Fast answers.	YES	NO
#7-"WIRE & METAL ROD" Calc. quantities, costs, weights.	YES	NO
#8-"TRIGONOMETRY" Solves right triangle problems fast.	YES	YES
#9-"OBLIQUE TRIGONOMETRY" Solves all non-right angle trig.	YES	NO
#10-"CHORD/CURVE" Finds radius, angle, arc & chord lengths, sector & segment areas. Gives angle in degrees & radians.	YES	YES
#11-"CONVERSIONS/FUNCTIONS" Converts decimal degrees to deg.-min.-sec. plus radians, grads. Gives 6 trig functions for each input. Answers in just 1 second.	YES	NO

Above programs were written for Engineers, Designers, Manufacturers, Technical Schools, & Students. HOWEVER, little technical knowledge is needed to use them. If you want fast, precise answers to complex problems, they are easy to use! TS 2068 programs are in color with special graphics & effects.

GAMES/UTILITY (For TS 2068 Computers Only)

#12-"TERROR FROM MARS" 1939 Earth technology struggles to repel Martian invasion. Uses player's name. Very personalized. Contains special effects.

#13-"GAME BOARD" It's you against the computer. It picks a secret number 1 to 6. You must guess it to move 1 of 24 spaces. Can you go around the board in 75 tries?

#14-"GUESS THE NUMBER" Computer generates a secret number 1 to 99. Tells player if guess is high or low. Plays tune on correct guess. Shows number of tries & games played.

#15-"STATE CAPITOLS" Tutorial, multiple choice. No tedious typing! Gives number correct & score.

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#18-"MATH UDGs" Now you can have fractions & Greek letters (those not also in our alphabet) for your math programs. ¼ ½ ¾, etc. + ° (degree).

ALL PROGRAMS ON QUALITY CASSETTES and SELF EXPLANATORY. Prices include Ist Class Postage. Shipped in 24 hours. Technical advice is FREE.

Prices of TS 2068 Programs: $9.95 each. All 11 Engineering/Math = $59.95
Any 4 Games/Utility = $29.95

TS 1000/1500/ZX 81 Programs = $6.95 each. All 5 Eng/Math = $24.95

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ORDER FORM

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Computer Model	Name of Program	Price

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*What other software would you like to see offered for your computer(s)?*_____

_____